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DEPT. OF ATTORNEY GENERAL
DIV. OF PUBLIC PROTECTION

Olin

RESEARCH CENTER, 275 SOUTH WINCHESTER AVENUE, P.O. BOX 30275
NEW HAVEN, CONNECTICUT 06511

(203) 789-5000

June 23, 1982

HAND DELIVERED

John P. Leo, Engineer
c/o Picillo Site
Coventry, Rhode Island

Re: Picillo Property
Coventry, Rhode Island

Dear Mr. Leo:

This is to confirm a site visit, to the above-captioned property, by R. S. Hendey of Olin Corporation and the undersigned, at your invitation, for the purpose of facilitating the identification of any material generated by the Olin Corporation or disposed of by Olin, found at the above-captioned site. For the record, and as we discussed during our visit, Olin's internal, waste disposal records do not reflect any chemicals, waste materials or any other compounds being shipped to the above-captioned location. Our records, however, do indicate two shipments of materials to the Capuano Brothers landfill in Cranston, Rhode Island.

Both of the shipments to Rhode Island were made through Chemical Waste Removal, Inc., Bridgeport, Connecticut. The first shipment occurred on or about August 31, 1977 and the second shipment was made, also through Chemical Waste Removal, on September 29, 1977. Our records do not specifically identify the materials sent to Cranston; however, the waste do fall into three general categories:

1. HTH® samples (calcium hypochlorite)

2. Isocyanates

3. Polyols

During the course of our site visit to the Picillo property, we inspected two 55 gallon drums which you believed may have originated at the Olin Corporation. You also noted two other containers either sent to or from Olin in New Haven, Connecticut. These two containers

My Direct Dial Number:

203-789-5330

consisted of a 5 gallon pail with the designation Emery 9877-U fatty acid and a smaller container apparently delivered by the Humphrey Chemical Company, North Haven, Connecticut to Olin in New Haven.

I have been able to develop some additional information for you in connection with the foregoing and I am also providing you herewith product data sheets and bulletins, material safety data sheets and other identified data and information concerning the three compounds described above as well as other chemicals for which you requested physical property data.

First, in connection with the material apparently mailed to Olin from the Humphrey Chemical Company, I have spoken with our Sam Trotz, Ph.D., and he advises me that it is likely that the material sent by Humphrey, in the four small ampules, is 2,4-difluoronitrobenzene. This compound is an intermediate in the manufacture of difluoroaniline, itself an intermediate in the manufacture of an oral drug preparation manufactured and distributed by Merck Company. For your information, I am herewith enclosing Olin's Material Safety Data Sheet for 2,4-difluoronitrobenzene.

Secondly, we have yet to identify the waxy, viscous light brown material found in the 5 gallon pail. However, I will still continue to interview appropriate personnel in New Haven to attempt to ascertain the nature of this material. If I am able to develop some more definitive information on the identity of this substance, I will contact you immediately.

Thirdly, in connection with the isocyanate material which may be present on-site, I am herewith providing you with the following information:

(a) Technical data and information furnished us by the Upjohn Polymer Chemicals Company concerning the polymeric isocyanurate compounds we purchase from them. This information and materials include two technical bulletins and a material safety data sheet.

(b) Olin's material safety data sheet, product data bulletin and product storage and handling bulletin for our isocyanate family of chemicals.

(c) A general Olin bulletin on toluene diisocyanate (750-008).

Fourth, I am enclosing herewith some general data and information concerning our polyol compounds manufactured by Olin. This information will provide you with the relevant physical properties for all our polyol products:

(a) material safety data sheet and application data bulletin for Poly-G® 32-56

(b) material safety data sheet and application data bulletin for Poly-G® 71-530

(c) material safety data sheet and product data bulletin for Thermolin® RF-230

Fifth, I am also herewith enclosing for your information and use Olin's material safety data sheet for calcium hypochlorite. Inter alia, this information includes a description of the physical properties of calcium hypochlorite.

As we discussed, I found it very difficult to precisely identify the nature of the material in any of the drums or containers you believe have come from Olin. We also discussed the fact that Olin's records, in addition to not reflecting any shipments to the Picillo Property, only indicate, in a general way, the nature of the materials (see description above) sent to the Capuano Brothers' landfill in Cranston, Rhode Island. With this as background, I suspect you can appreciate the difficulty we are having in identifying the substances involved with any degree of precision. Nonetheless, we are herewith providing you with data and information, concerning the physical properties, of the two main chemical categories or families described above, viz; the isocyanates and polyols.

I am also compelled to point out that in addition to any of the materials found at the Picillo property not being sent directly to this site, we, as you might expect, have no way of knowing whether any of the materials originally sent to Cranston, by Olin, are, in fact, still in the original container(s), or whether other compounds have been substituted for or reacted with these materials. I am sure you have dealt with this potential problem in the past but I think it is sufficiently important to raise it with you as it may apply to the containers inspected by us.

I hope the foregong has been helpful and the enclosures in someway facilitate your final disposal of the above waste materials. We will continue, at this end, to seek to generate any additional information which may be of assistance to you. However, I trust you will feel free to contact me in New Haven or R. S. Hendey in Stamford in connection with anything we discussed during our site visit on Tuesday, June 22, or any other related matter.

Mr. Hendey and I again want to thank you and your associates, especially Mr. Brodd, for all the help and information you provided us during our visit and again, we trust you will feel free to call upon us in the future if we can be of any additional assistance to you.

Sincerely,

Allyn Myles Carnam
Counsel-Regulatory Affairs

AMC/bl
Enclosures